

SUMMARY TABLE FOR WORK GROUP 1 COMMENTS		
<u>Work Group Comments</u>		<u>City Response</u>
Basin, Pipes, and Manholes		
1	Frame, grates, and hoods – The workgroup (WG) would like to use the three different styles of grates DOT uses in their standard.	Use only 1 style of grate because of maintenance issues.
2	Brick open throat catch basin - add manhole rim/lid to detail.	Added detail for manhole and added detail for open throat yard inlet (chimney top).
Storm Drainage Design		
1	(D-5) Check allowable velocities against state standard. If not specified in standard, is maximum velocity of 10ft/sec necessary.	Maintain maximum of 10 ft/sec because of potential damage to infrastructure.
2	Easement detail (#3) – questioned “private property” requirement. WG thought it should only be on systems carrying public water.	Revised to reflect systems conveying stormwater from multiple properties.
3	(D-9) Rather than cross sections every 100’, do elevation along centerline and cross sections if there is a significant change in the profile.	Revised.
4	(D-12), WG would like spread to be 8’ from face of curb on minor thoroughfares and on major thoroughfares shall vary to allow for one dry lane in each direction.	Allowable spread shall be 8’ from face of curb on all City streets.
5	(D-13) HGL – need clarification on requirements OR tolerances. WG suggestion was no tolerance for boxes out of street right-of-way. In right-of-way, could possibly come out of box provided spread requirement is maintained.	Clarified requirements and no tolerances will be provided.
6	(D-17) WG would like to delete if we maintain velocity requirements.	Revised to reflect minimum velocity requirements.
7	Add statement about minimum distance between manholes/boxes for maintenance purposes.	Minimum distance between manholes/boxes is 200’.
8	RCP installation – WG stated no one grouts joints anymore especially not inside of 18” pipes. Also questioned n value of .013, wants .012.	Revised to appropriate sealant and n value of .013 maintained.
9	Compaction and backfill – reference out of date.	Updated.
10	Need to verify Rational Method is only good up to 20 AC.	Maintain Rational Method good up to 20 AC.
11	WG suggested changing minimum T _c from five minutes to ten minutes.	Maintain 5 minute minimum.
12	Runoff coefficients – WG would like to keep residential, industrial and commercial categories.	Revised.
13	SD-g – SD-k update n value	Revised.
14	SD-l and SD-m delete	Deleted.
Stormwater Management		
1	Emergency spillway – WG commented 10 year for closed system and 25 year for open channel flow.	Revised and added “as approved by City Engineer”.